

## Space Exploration on Unitedstreaming

### Space Exploration: The Rockets

1. Where and when were the first rockets made?

CHINA

2. Rockets work due to Newtons 3<sup>rd</sup> Law. What is the law?

ACTION - REACTION

3. Who is the American scientist considered to be the "father of rocketry"? (1920's)

GODDARD

4. The space programs for the US and former USSR started after WWII when both countries captured V-2 rockets and scientists from which country? (late 1940's)

GERMANY

5. What did the USSR launch in 1957?

1<sup>st</sup> SATELLITE

6. What did the US launch in 1959?

1<sup>st</sup> US SATELLITE

7. How many astronauts were chosen by the US in 1960?

7

8. Who did the USSR launch into space in 1961?

YURI GAGARIN

9. One month later, who was the first US citizen to travel in space?

Alan Shephard

10. Which US President announced that the US would send a man to the moon by the end of the 1960's?

JKF

11. What was the name of the US mission that lasted two years from 1961-1963 and began the US journey toward space travel to the moon?

Mercury

12. How many astronauts could travel in the Gemini?

2

13. What is a spacewalk?

GOING OUTSIDE MODULE INTO SPACE

14. What does it mean to dock in space?

TWO spacecraft join together

15. What were the 3 goals of the Gemini program?

① SPACE WALK

② DOCKING

③ EFFECTS OF GRAVITY

16. How many astronauts could travel on the Apollo missions? How many could walk on the moon for each trip?

3 2 to moon

1 orbiting moon

17. In 1969, who was the first man to walk on the moon and what did he say as he stepped onto the surface of the moon?

Neil Armstrong

18. What is Skylab? (1973)

1st Space Station built by US

19. What was important about the Apollo-Soyuz mission in 1975?

Helped US & USSR work together

20. When was the Space Shuttle first tested?

1981